Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 08 Dec 2023 until 23:59 on Saturday 09 Dec 2023

Forecast Issued on Thursday 07 Dec 2023 at 15:41

Confidence: High for unsettled conditions. Medium on timings and cloud details.

Headline for Friday 08 Dec 2023: Cloudy with occasional rain and drizzle. Windy at height.

Mountain weather hazards on Friday 08 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Fog	Cloudy	Mist	Mist	Cloudy	Heavy Rain	Light rain	Heavy Rain
Precipitation probability							
40%	30%	20%	20%	30%	70%	70%	70%

Forecast for Friday 08 Dec 2023

Weather: Mostly cloudy overnight with occasional rain and drizzle. Some drier, perhaps brighter, spells in the morning, but mostly cloudy, then outbreaks of rain during the afternoon and evening.

Chance of cloud-free hill tops above 600m: 50%, best chance around the middle of the day.

Low cloud and visibility: Extensive cloud, base around 600m, occasional or patches to 300m. Visibility moderate to very poor, but good at times lower down.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 08 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/26 S	20/29 SW	22/31 SW	23/33 SW	25/35 SW	26/36 SW	27/37 SW	28/39 SW	29/40 SW
300	13/22 S	14/23 S	15/25 S	17/27 S	19/29 S	19/29 SW	20/31 SW	20/31 SW	20/31 SW
Valley	6/20 S	8/22 S	9/24 S	11/26 S	12/27 S	12/27 SW	13/28 SW	14/30 SW	14/30 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/0	5/-0	4/-1	4/-2	4/-1	4/-2	4/-2	4/-2	4/-2
300	7/4	6/3	6/2	6/2	7/3	7/2	7/2	6/2	6/2
Valley	6/4	6/4	6/3	6/3	7/4	7/4	7/3	7/3	7/3
Freezing Level*	1300m	1300m	1300m	1300m	1300m	1400m	1400m	1400m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Navigational difficulties possible at height due to low cloud.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 07 Dec 2023	4.8mm	5.2mm	33.4mm

Forecast for Saturday 09 Dec 2023

Weather: Heavy and persistent rain overnight and during the morning, turning drier and brighter for the afternoon. However, turning very windy at height with significant buffeting and the risk of being blow over.

Maximum wind: Increasing West 40mph gusting 60mph in the afternoon.

Chance of cloud-free hill tops above 600m: 20% becoming 70% in the afternoon.

Low cloud and visibility: Extensive cloud, base around 600m, occasional or patches to 300m, lifting and breaking near or above the summits in the afternoon. Visibility moderate to very poor becoming mostly good or very good through the afternoon and evening.

Temperature: **Valleys:** Plus 5 to 10 Celsius
At 600m: Plus 4 to 6 Celsius
Freezing level: Above the summits

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